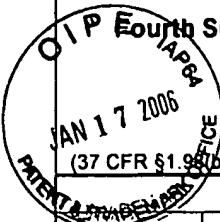


Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Fourth Supplemental Information Disclosure</b> <b>Statement</b> <b>by Applicant</b> <small>(Use several sheets if necessary)</small> <small>(37 CFR §1.96(b))</small>		Applicant Wolfgang Kalthoff et al.			
		Filing Date December 30, 2003		Group Art Unit 2171	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CB	AA	US 5655085	08-1997	Ryan et al.			
CB	AB	US 5694598	12/02/97	Durand et al.			
CB	AC	US 5703938	12-1997	Lucas et al.			
CB	AD	US 5710884	01-1998	Dedrick			
CB	AE	US 5911139	06/08/99	Jain et al.			
CB	AF	US 6032147 A	02-2000	Williams et al.			
CB	AG	US 6067525	05-2000	Johnson et al.			
CB	AH	US 6324647	11/27/01	Bowman-Amuah			
CB	AI	US 6405132	06-2002	Breed et al.			
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CB	AM	US 6857123 B1	02/15/05	Nuxoll et al.			
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CB	AO	US 2002/161778 A1	10-2002	Linstedt			
CB	AP	US 2003/191832	10-2003	Ramakrishna et al.			
CB	AQ	US 2005/0038551	02/17/05	Mazumder et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
CB	AR	DE 10049940A1	04-2002	Germany			Abstract	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
CB	AS	Berndtsson et al., Task Sharing Among Agents Using Reactive Rules, Cooperative Operation Systems, 1997. COOPIS '97., Proceedings of the Second IFCIS International, 24-27 June 1997, pgs. 56-65.

Examiner Signature <i>/Cory Bell/</i>	Date Considered <i>05/26/2006</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Fourth Supplemental Information Disclosure Statement by Applicant</b> <small>(Use several sheets if necessary)</small>		<b>Applicant</b> <b>Wolfgang Kalthoff et al.</b>		
		Filing Date December 30, 2003	Group Art Unit 2171	
(37 CFR §1.98(b))				
<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>				
Examiner Initial	Desig. ID	Document		
CB	AT	Hill et al., "Data Transformation: Key to Information Sharing" Gartner Group Strategic Analysis Report, 29 September 1998 (1998-09-29), pgs. 1-60.		

CB

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Sheet 1 of 1

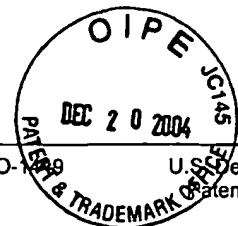
Substitute Form PTO-1449 (Modified 10/2003)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Information Disclosure Statement</b> <b>by Applicant</b> <small>(Use several sheets if necessary)</small> <small>(37 CFR §1.98(b))</small>		<b>Applicant</b> <b>Wolfgang Kalthoff et al.</b>		
		Filing Date December 30, 2003	Group Art Unit 2171	

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CB	AA	2003/0161778	10/31/2002	Linstedt			
CB	AB						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes
CB	AC	03/093998	11/13/2003	WIPO			
	AD						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
CB	AE	Anonymous "Data Profiling the Foundation for Data Management" <u>DataFlux Corporation</u> , July 1, 2004, pp. 1-17.
CB	AF	Garcia et al. "Immunization Registries DeDuplication and Record Matching," <u>White Paper</u> , 1999, pp. 1-11.
CB	AG	Georgakopoulos et al. "An Overview of Workflow Management: From Process Modeling to Workflow Automation Infrastructure," <u>Distributed and Parallel Databases</u> , 1995, Vol. 3, No. 2, pp. 119-153.
CB	AH	Rahm et al. "Data Cleaning: Problems and Current Approaches," <u>Quarterly Bulletin of the Computer Society of the IEEE Technical Committee on Data Engineering</u> , December 2000, pp. 1-11.
	AI	

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Substitute Form PTO-1449 (Modified)		U.S. Patent and Trademark Office Department of Commerce	Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Wolfgang Kalthoff et al.		
		Filing Date December 30, 2003	Group Art Unit 2171	

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Examiner Initial	Design. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CB	AA	US-4459663	07-1984	Dye			
CB	AB	US-5099431	03-1992	Natarajan			
	AC	US-5191534	03-1993	Orr et al.			
CB	AD	US-5311424	05-1994	Mukherjee et al.			
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CB	AK	US 2002/0194196 A1	12-2002	Weinberg et al.			
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Examiner Initial	Design. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
CB	AP	CA 2391829	06-2001	Canada			
CB	AQ	WO 02/25471	03-2002	WIPO			
CB	AR	WO 02/25500	03-2002	WIPO			
CB	AS	WO 02/47463	06-2002	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner Initial	Design. ID	Document						
		Haerder T. et al., "Integritätskontrolle," Datenbanken Konzepte und Techniken Der Implementierung,						
	AT	1999, pp. 397-405, XP002294581 [translation provided]						
Examiner Signature /Cory Bell/			Date Considered 05/26/2006					
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Wolfgang Kalthoff et al.	
		Filing Date December 30, 2003	Group Art Unit 2171

		Haerder T. et al., "RX-Sperrverfahren," Datenbanken Konzepte und Techniken Der Implementierung
	AU	1999, pp. 419-420, XP002294552 [translation provided]

Examiner cannot locate translation for  
those documents crossed out.

Examiner Signature <i>/Cory Bell/</i>	Date Considered 05/26/2006
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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Information Disclosure Statement</b> <b>by Applicant</b> <b>AUG 03 2004</b> (Use several sheets if necessary) <b>(37 CFR §1.98(b))</b>		<b>Applicant</b> <b>Wolfgang Kalthoff et al.</b>		
		Filing Date December 30, 2003	Group Art Unit 2171	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
CB	AA	US-6236997 B1	05-2001	Bodamer et al.			
CB	AB	US-5859972 A	01-1999	Subramaniam et al.			
CB	AC	US-6226650 B1	05-2001	Mahajan et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes      No
CB	AD	WO 01/37097	05-2001	WIPO			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
CB	AE	Chaudhuri, Surajit, et al., "An Overview of Data Warehousing and OLAP Technology," SIGMOD Record, New York, NY, USA, vol. 26, no. 1, March 1997, pp. 65-74, XP002193792, ISSN: 0163-5808
CB	AF	Rahm, Erhard, et al., "Data Cleaning: Problems and Current Approaches," IEEE Bulletin of the Technical Committee on Data Engineering, vol. 23, no. 4, retrieved from the Internet December 2000 at <a href="http://lips.informatik.uni-leipzig.de:80/pub/2000-45">http://lips.informatik.uni-leipzig.de:80/pub/2000-45</a> , XP002284896, 11 pgs.
CB	AG	"SyncML Protocol, version 1.0," Internet Citation, December 7, 2000, XP002217356, 60 pgs.

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Substitute Form PTO-1449 (Moored TRADEMARK)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13907-061001	Application No. 10/747,697
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Wolfgang Kalthoff et al.	
		Filing Date December 30, 2003	Group Art Unit 2171

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes      No
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**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
CB	AA	Bertino, Elisa, et al., "Data Security," Proceedings of the Twenty-Second Annual International Computer Software and Applications Conference, Vienna, Austria, August 19-21, 1998, Los Alamitos, CA, USA, August 19, 1998, (CompSAC '98), XP010305455, pp. 228-237
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CB	AC	Chandramouli, Ramaswamy, "Application of XML Tools for Enterprise-Wide RBAC Implementation Tasks," Proceedings of the 5 <sup>th</sup> ACM Workshop on Role-Based Access Control, Berlin, Germany, July 26-27, 2000, XP000958089, pp.11-18
CB	AD	Choi, Jin Oh, et al., "Update Propagation of Replicated Data in Distributed Spatial Databases," Proceedings of Database and Expert Systems Applications: Tenth International Conference, Florence, Italy, August 30, 1999 – September 2, 1999, DEXA '99 (Lecture Notes in Computer Science Vol. 1677), Berlin, Germany, Springer-Verlag, Germany, XP009022583, pp.952-963
CB	AE	Chou, H-T. et al., "Versions and Change Notification in an Object-Oriented Database System", Proceedings of the Design Automation Conference, Anaheim, June 12-15, 1988, Proceedings of the Design Automation Conference (DAC), New York, IEEE, US, vol. CONF. 25, 12 June 1988, pp. 275-281, XP010013006, ISBN: 0-8186-0864-1.
CB	AF	Ferreira Rezende, Fernando de, et al., "A Lock Method for KBMSs Using Abstraction Relationships' Semantics," Proceedings of the International Conference on Information and Knowledge Management, CIKM, ACM, New York, NY, USA, 1994, XP002943684, pp. 112-121
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CB	AI	Rana, S.P. et al., "Version Support for Manufacturing Database Systems", International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems, Tullahoma, IN, US, New York, NY, US, vol. 2, 6 June 1989, pp. 779-784, XP000605772.
	AJ	

Examiner Signature /Cory Bell/	Date Considered 05/26/2006
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